

1/12

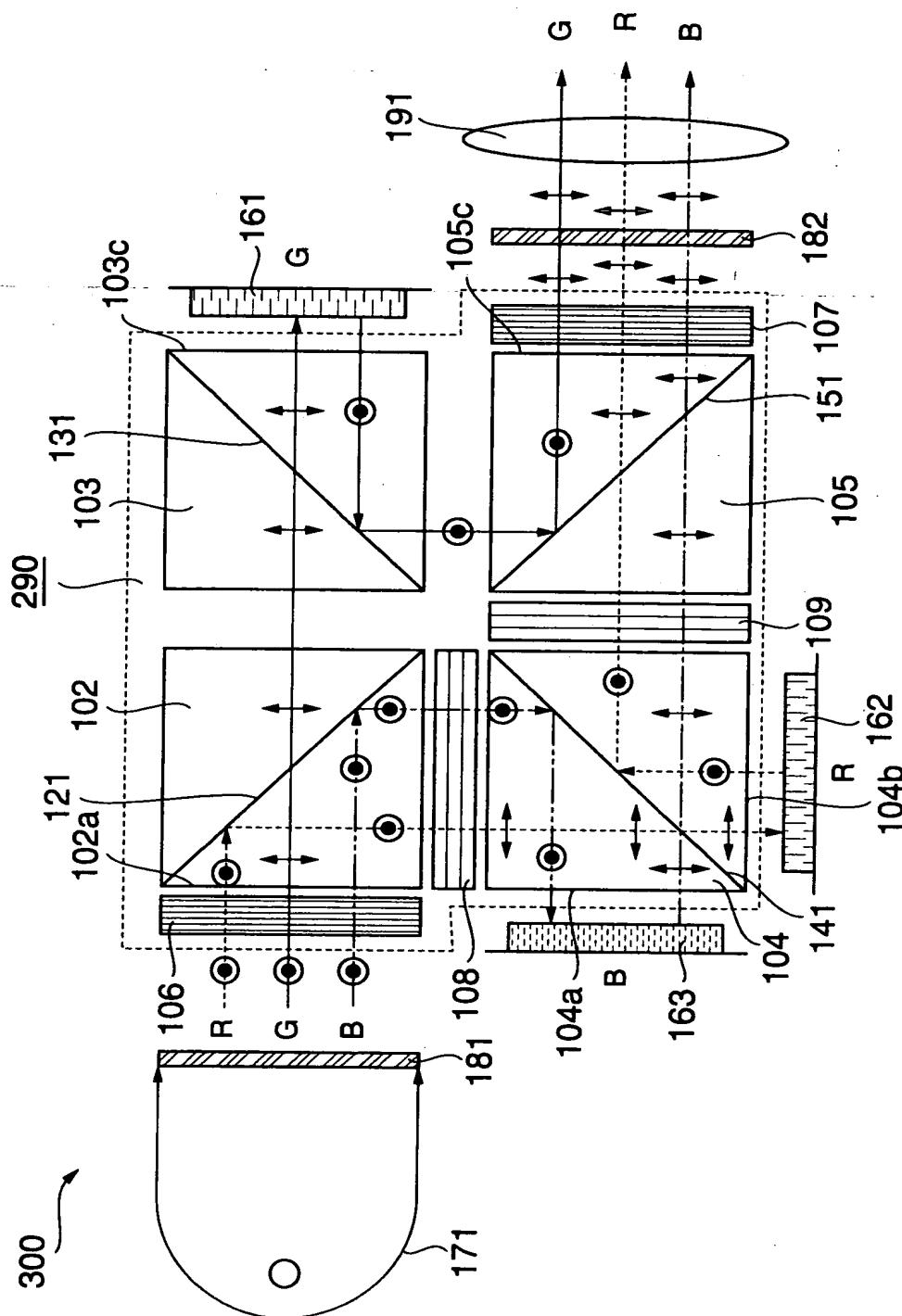


FIG.1 (RELATED ART)

2/12

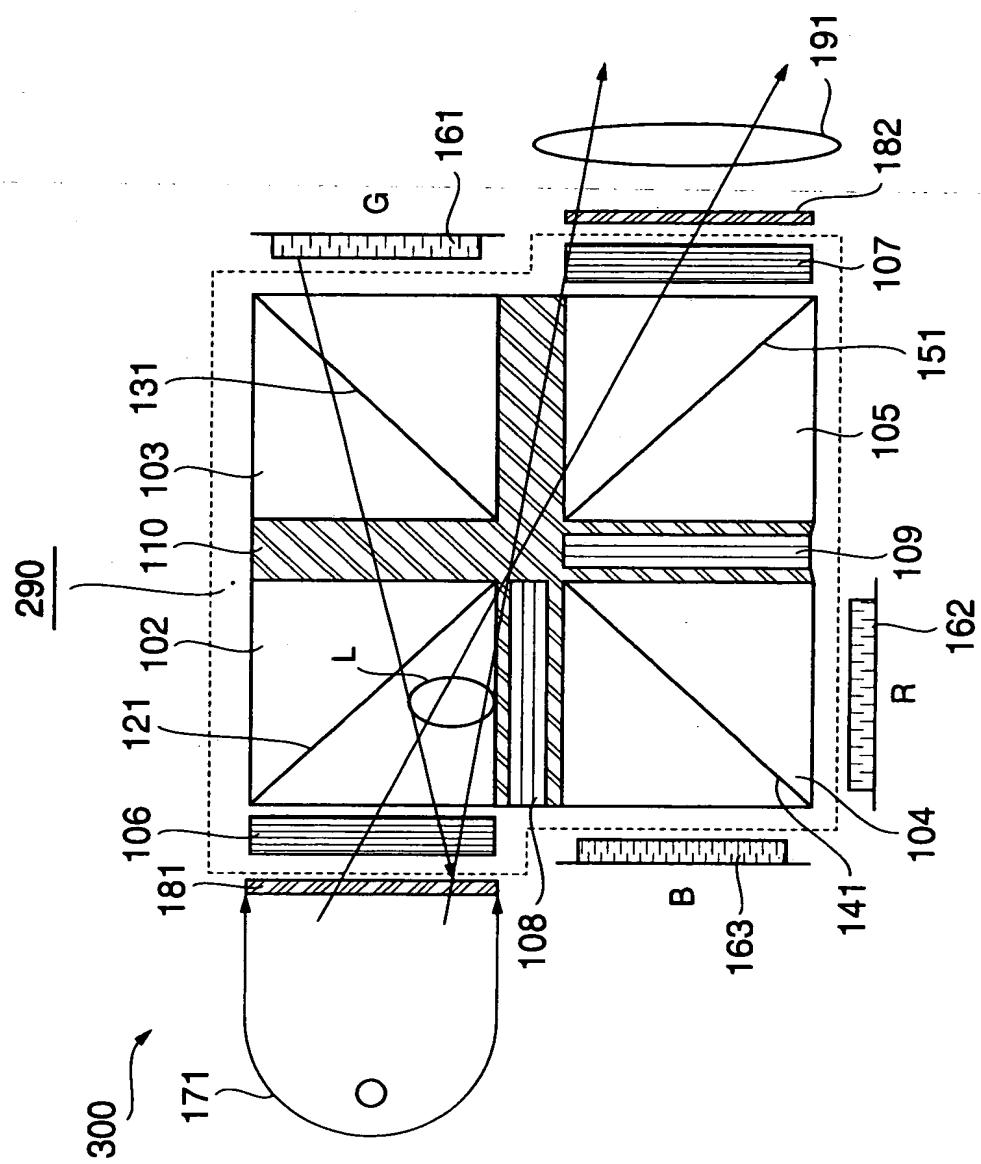


FIG.2 (RELATED ART)

3/12

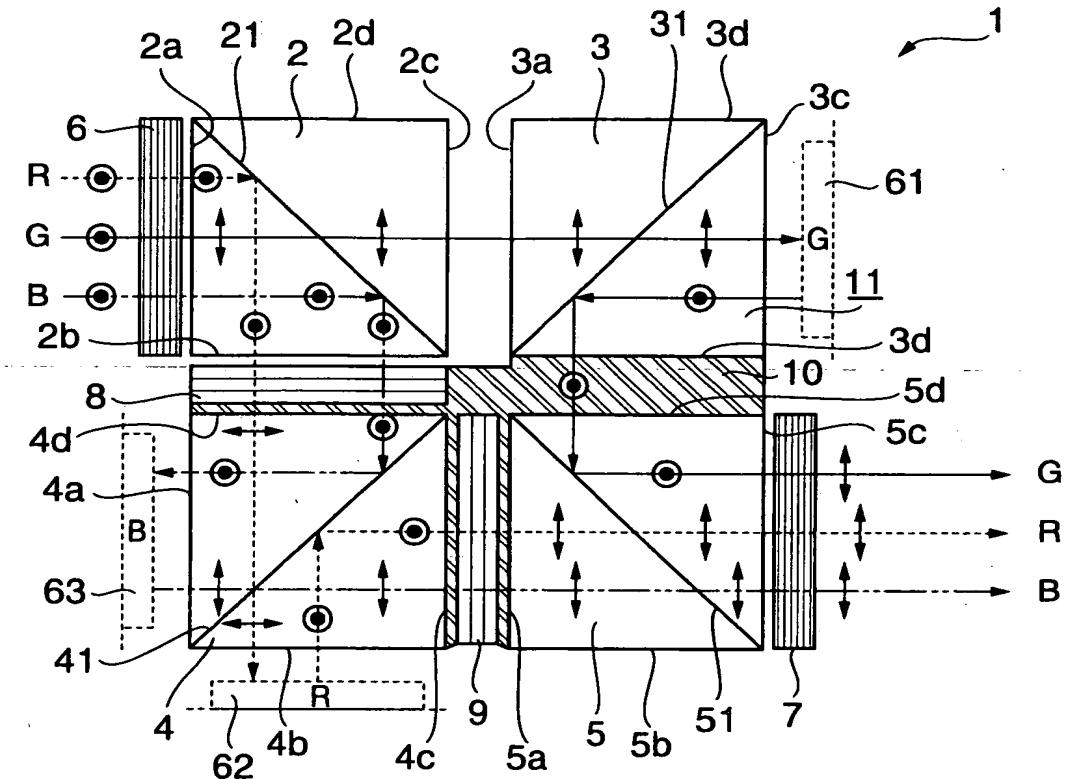


FIG.3

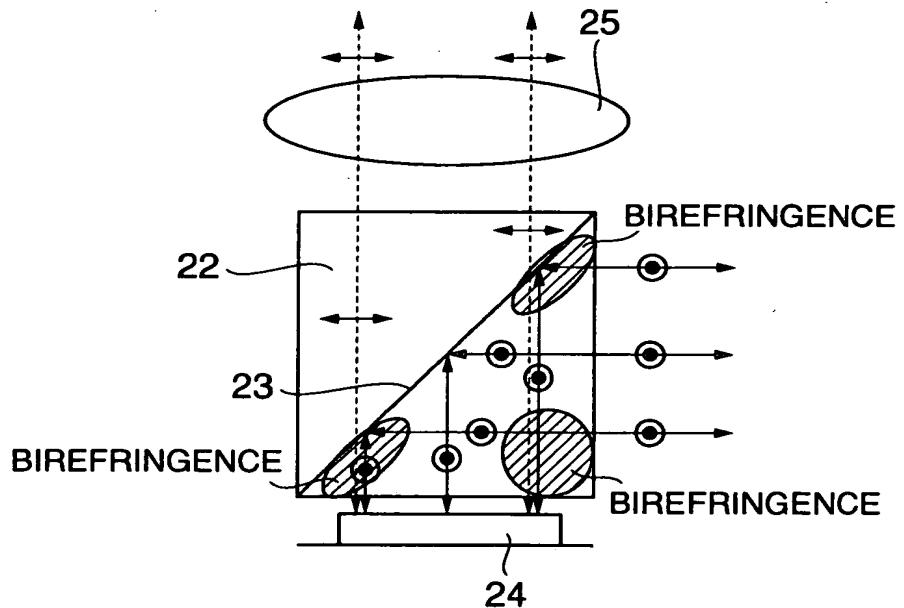


FIG. 4

4/12

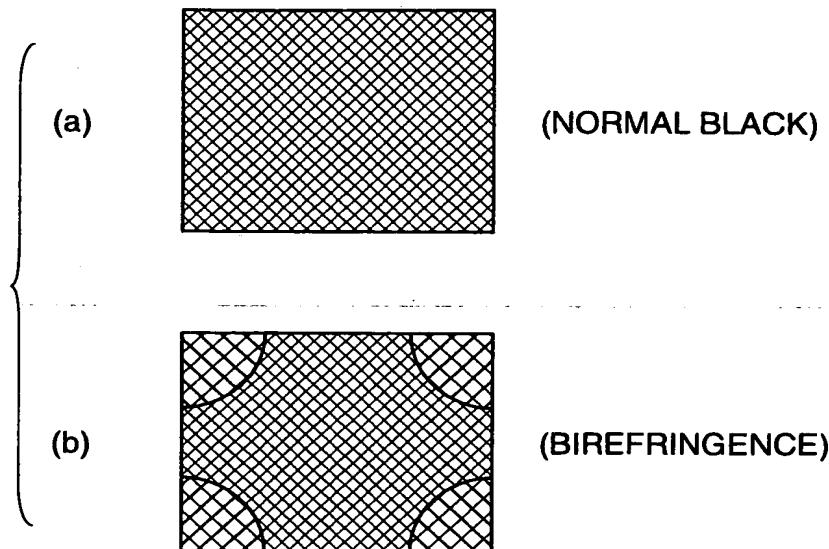


FIG.5

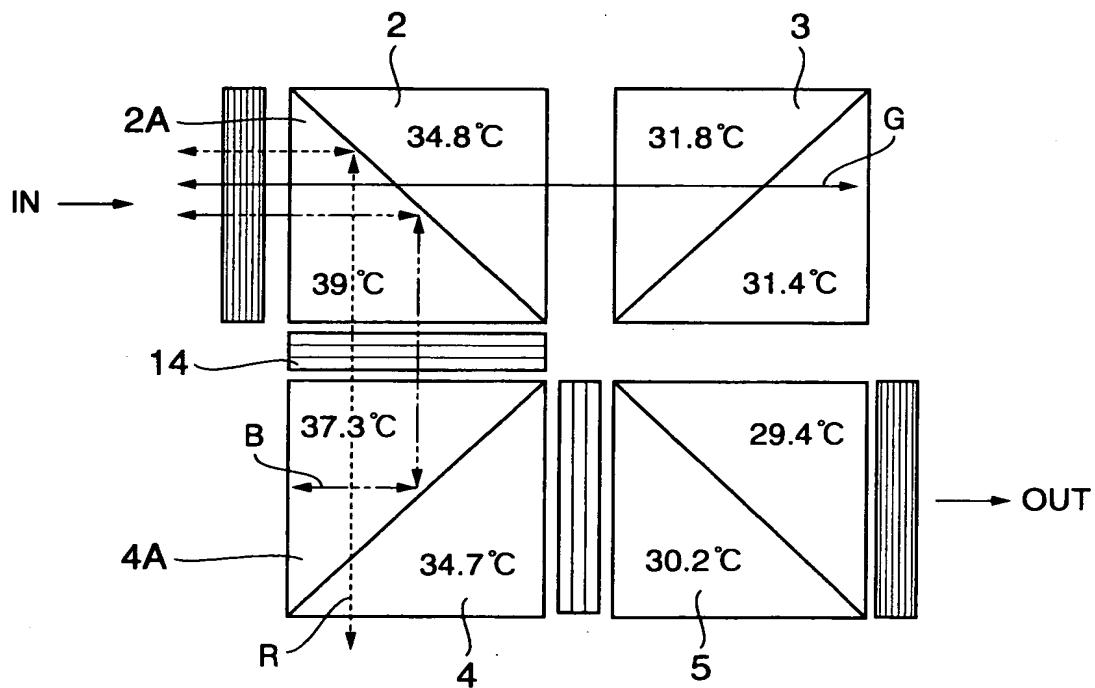


FIG.6

5/12

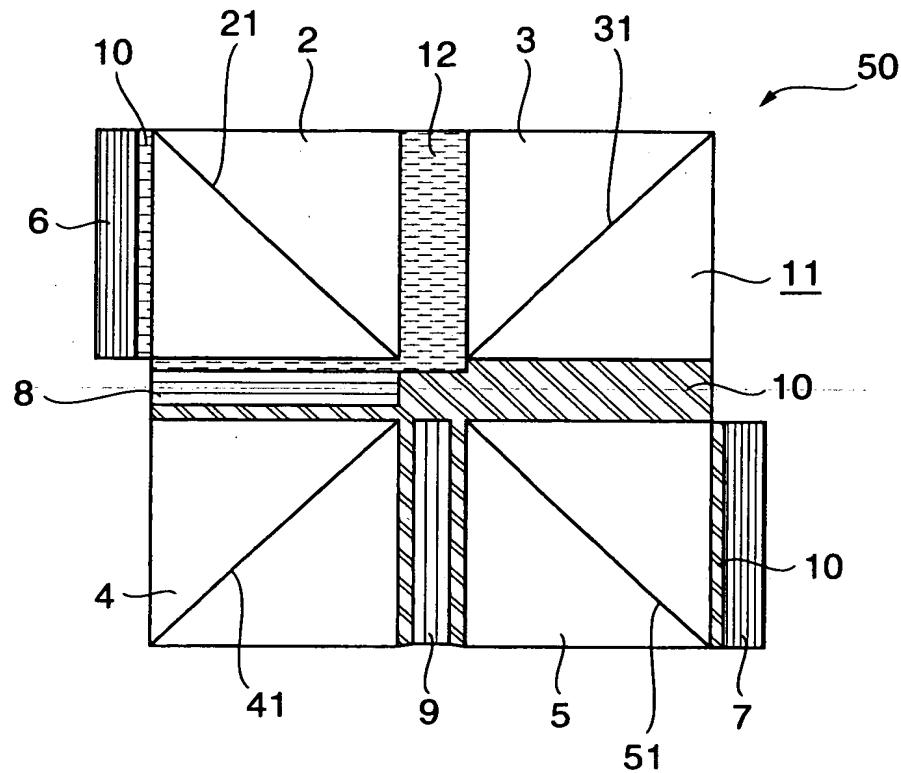


FIG. 7

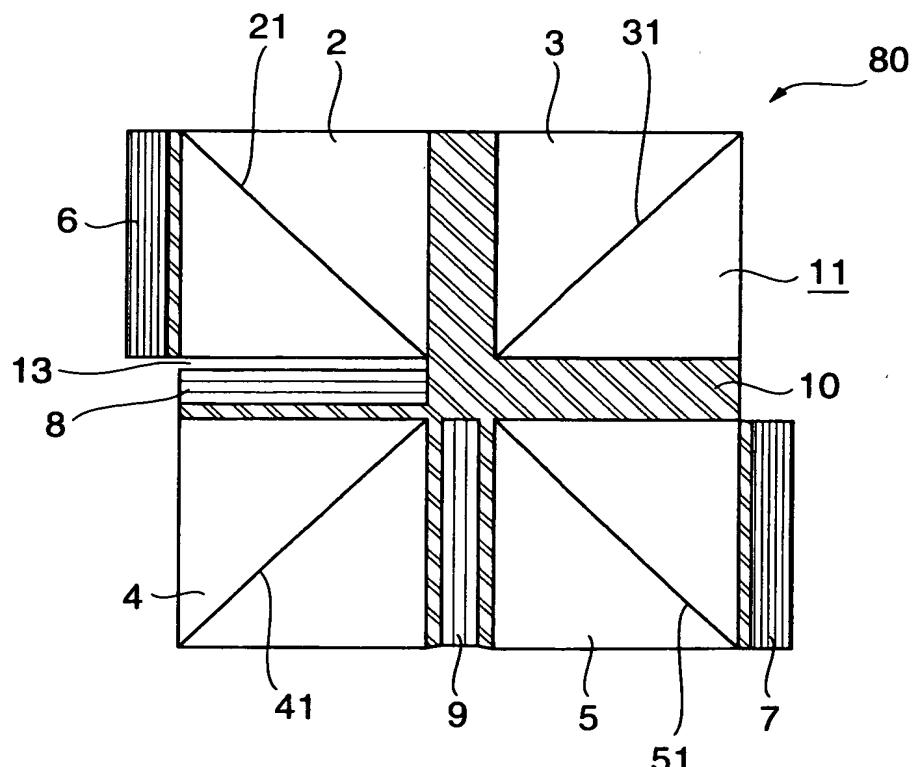
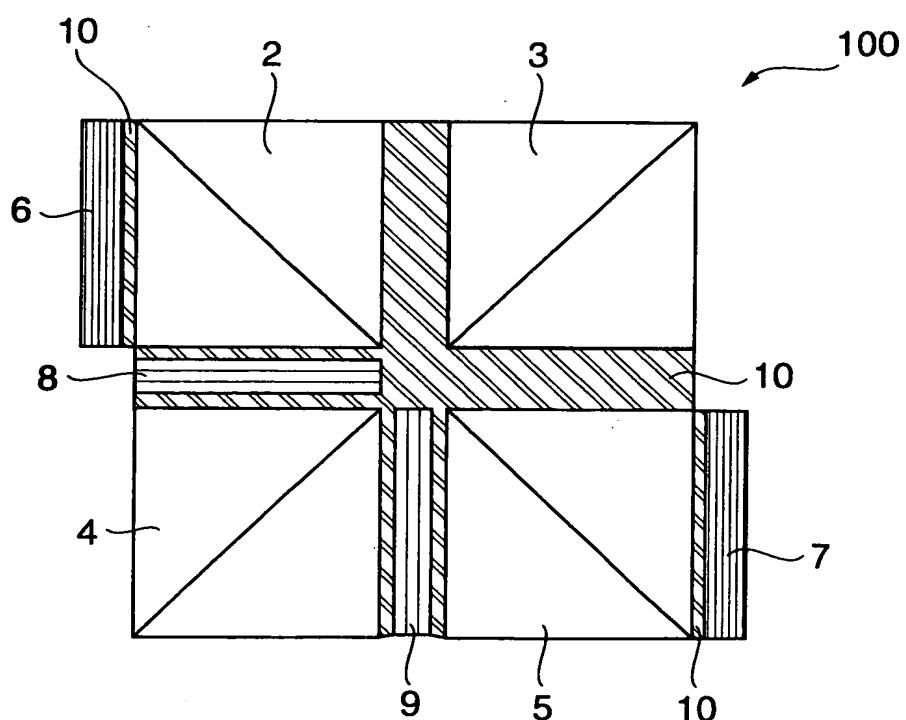
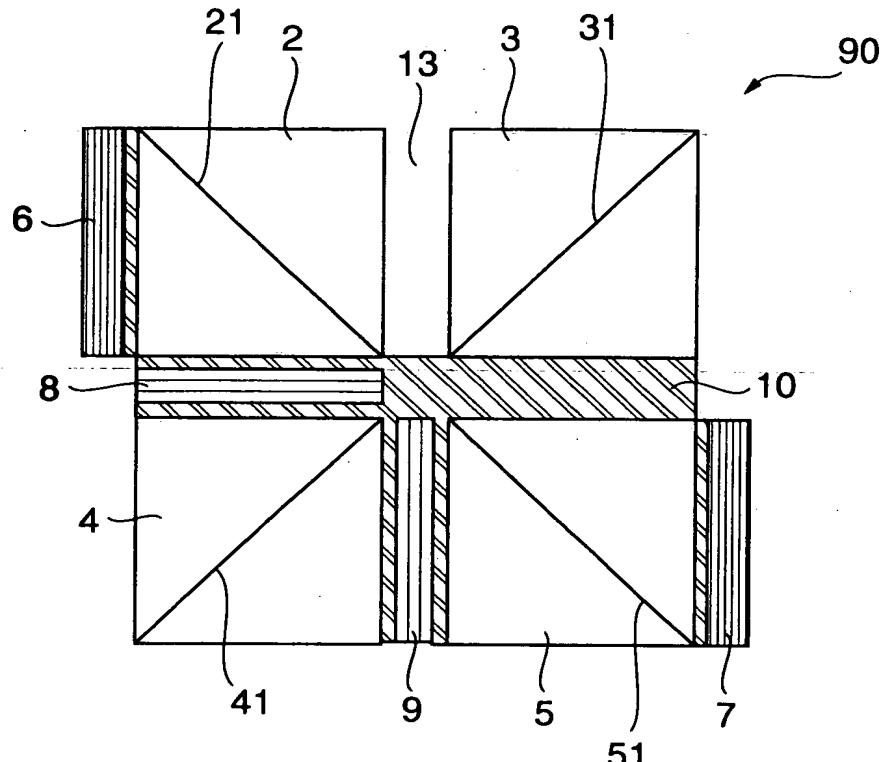


FIG. 8

6/12



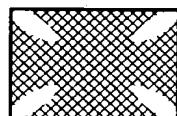
7/12

LIGHT SOURCE	SAMPLE	PBS-OPTO-ELASTIC CONSTANT (10 ⁻⁸ cm ² /N)				RESULTS
		1ST	2ND	3RD	4TH	
100 W	SAMPLE 1	2.77(BK7)	2.77(BK7)	2.77(BK7)	2.77(BK7)	△
	SAMPLE 2	1.8(SF1)	2.77(BK7)	2.77(BK7)	2.77(BK7)	○
	SAMPLE 3	1.36(SF4)	2.77(BK7)	2.77(BK7)	2.77(BK7)	○
150 W	SAMPLE 4	2.77(BK7)	2.77(BK7)	2.77(BK7)	2.77(BK7)	×
	SAMPLE 5	1.8(SF1)	1.8(SF1)	1.8(SF1)	2.77(BK7)	△
	SAMPLE 6	1.36(SF4)	1.36(SF4)	1.36(SF4)	2.77(BK7)	○
	SAMPLE 7	1.36(SF4)	1.8(SF1)	1.8(SF1)	2.77(BK7)	○
	SAMPLE 8	0.65(PBH6W)	2.62(SF2)	2.62(SF2)	2.62(SF2)	○
	SAMPLE 9	0.65(PBH6W)	1.8(SF1)	1.8(SF1)	2.62(SF2)	○
200 W	SAMPLE 10	1.8(SF1)	1.8(SF1)	1.8(SF1)	1.8(SF1)	×
	SAMPLE 11	0.65(PBH6W)	2.62(SF2)	2.62(SF2)	2.62(SF2)	△
	SAMPLE 12	0.65(PBH6W)	1.8(SF1)	1.8(SF1)	2.62(SF2)	○
	SAMPLE 13	0.65(PBH6W)	0.65(PBH6W)	0.65(PBH6W)	2.62(SF2)	○
	SAMPLE 14	0.03(PBH55)	0.65(PBH6W)	0.65(PBH6W)	0.65(PBH6W)	○
	SAMPLE 15	0.03(PBH55)	0.03(PBH55)	0.03(PBH55)	2.62(SF2)	○

FIG.11

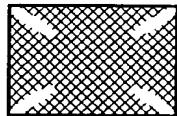
(GRADE)

(EVALUATION CRITERIA)



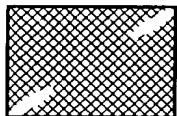
×

USELESS DUE TO MUCH BIREFRINGENCE



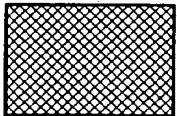
△

USEFUL ONLY FOR LOW-QUALITY
PROJECTION DISPLAY



○

BIREFRINGENCE NOTICED BY
CLOSE OBSERVATION



○

NO BIREFRINGENCE OBSERVED

FIG.12

8/12

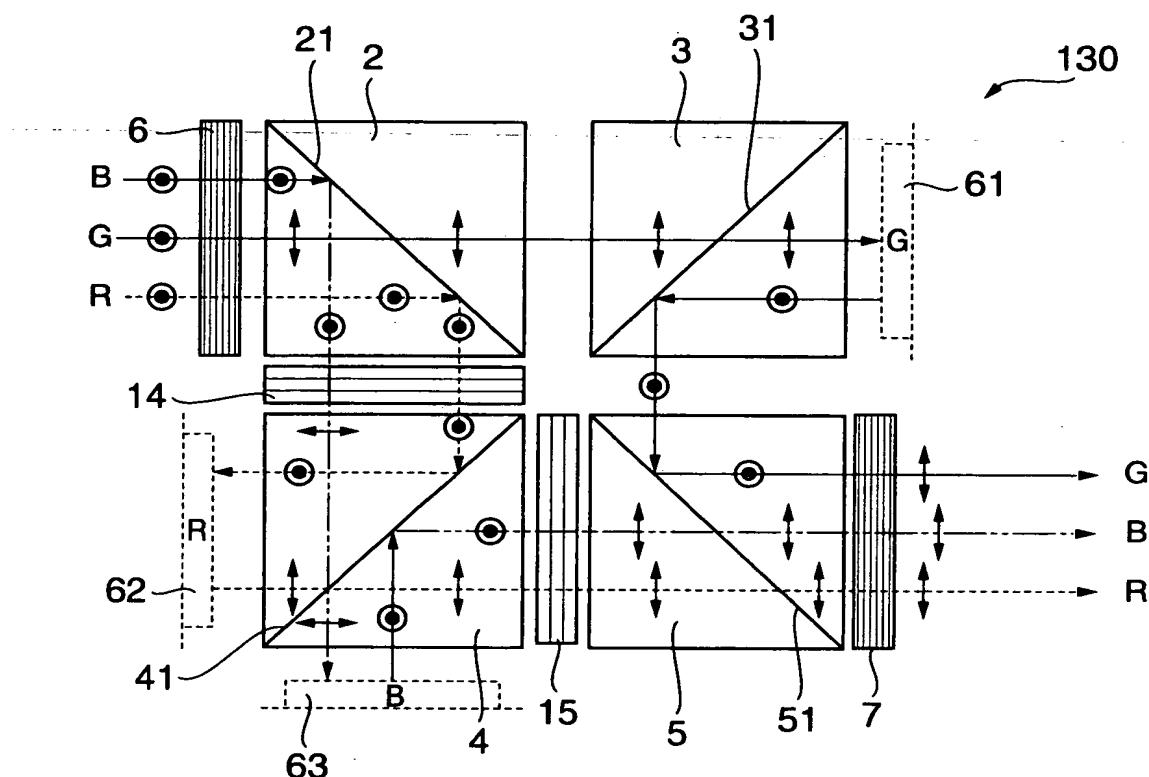


FIG.13

9/12

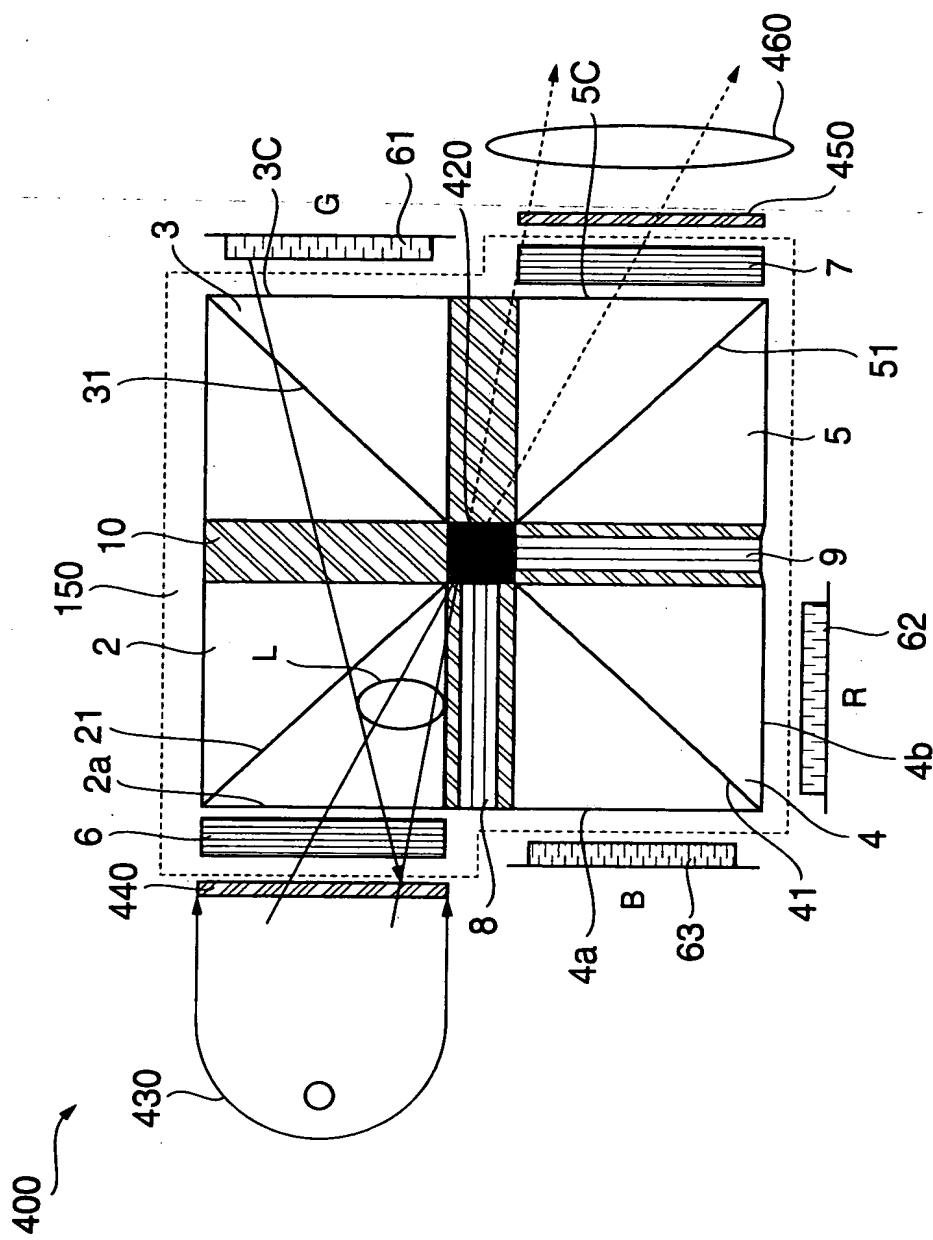


FIG.14

10/12

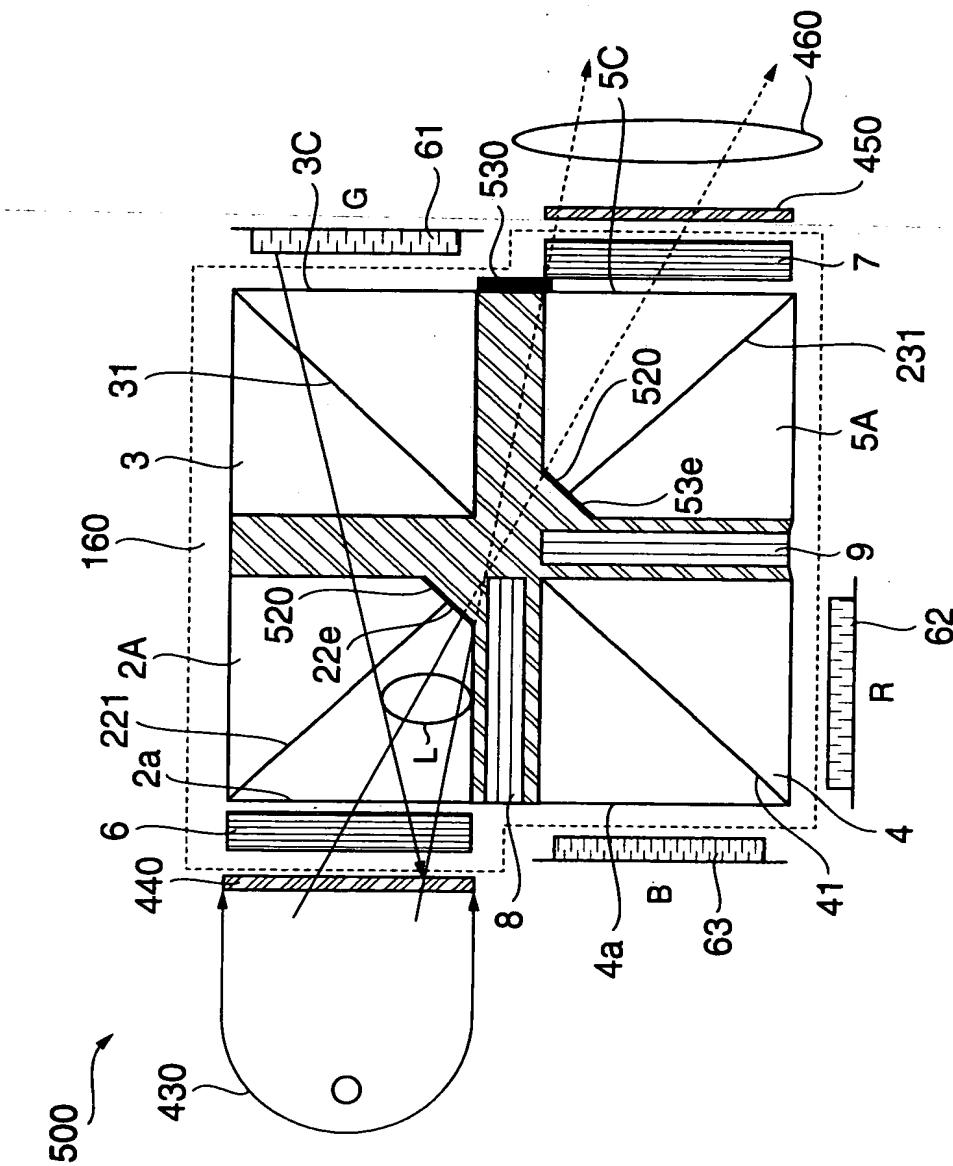


FIG. 15

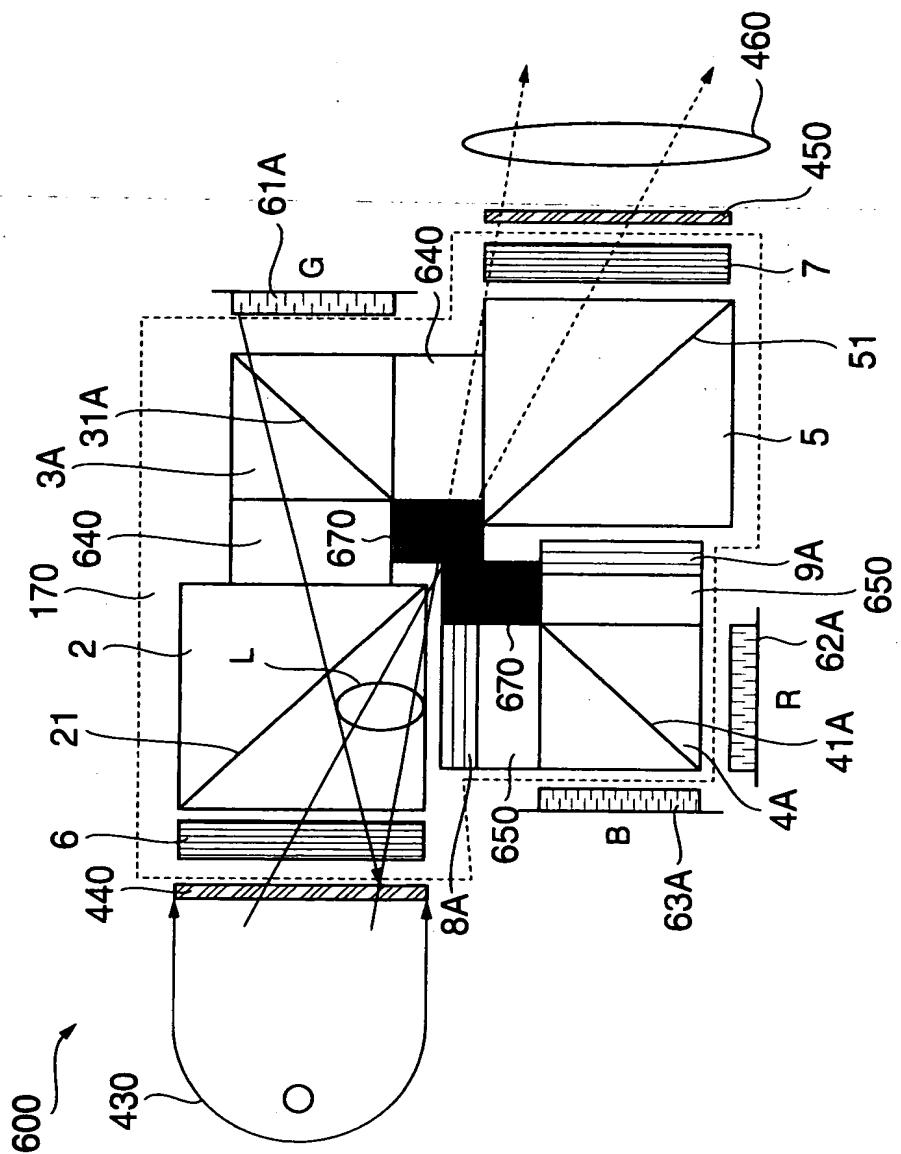


FIG. 16

12/12

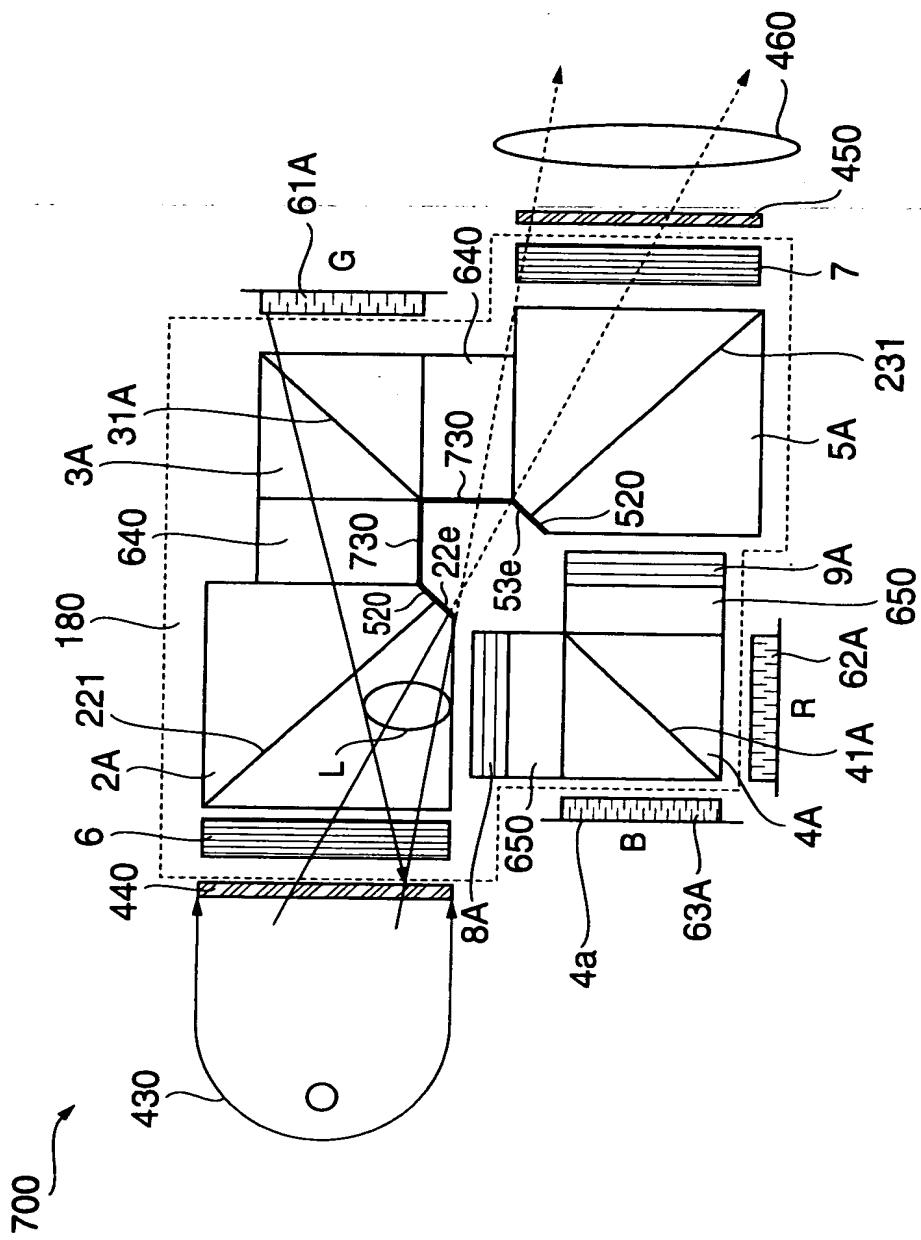


FIG. 17